Hor. no.	Horizon symbol	Depth (cm)	Horizon characteristics
1	Ah	17	Main layer of loess, grey-brown (10YR 3/4) strong clayey silt (Ut4), middle humic, middle rooted, low bulk density, crumb structure, sharp horizontal lower boundary
2	Sw-Al	35/60	Main layer of loess, yellowish brown (10YR 4/4) clayey silt (Ut3), weak humic, weakly rooted, low to middle bulk density, sub-polyhedral structure, gliding transition
3	II S-Bt	100	Middle layer of loess solifluction, dark yellow brown (10YR 5/6) silty clay, weak stony and gravelly (Tu3, X2, G2), near the basis alternating with solifluction layers with red brown (2.5YR 6/8) material from the lower horizon, coarse prismatic structure, sharp and wavy lower boundary
4	III C (fGroj) + Bt	140	Middle layer of loess solifluction, colour intensively changing between reddish brown (5YR 6/6), light brownish red (2.5YR 6/8) and brown (10YR 5/6), silty loam, gravelly (Lu3, G 3) coarse prismatic
5	IV C (fGroj)	180	Purplish red to red (10R 4/8) and yellow (2.5Y 8/6) layers of silty loam (Lu), platy structure, sharp lower boundary
6	V fGroj1	230	Miocene Plinthosol, purplish red to red (10R 4/4 to 10R 4/8) silty loam (Lu) with yellow spots (2.5Y 8/6), horizontally orientated in the uppermost decimetre
7	fGroj2	350	Miocene Plinthosol, large yellow (2.5Y 8/6) spots of strong clayey silt (Ut4) alternating with purplish red spots (10R 4/8) of silty fine sand (fSu3), sharp lower boundary
8	VI fGorj	450	Orange-brown (10YR 8/6-6/6) silty middle sand (mSu3)
9	fGrj	1000+	Upper Oligocene Vallendar gravel, grey-white (N 8/0) silty middle sand and banks of gravel (mSu3, G), with banks of ferruginous silcrete centimetres to decimetres thick